



Complete Summary

TITLE

Tobacco cessation: percent of patients using tobacco any time during the past 12 months (NEXUS mental health subgroup cohort).

SOURCE(S)

Office of Quality and Performance (10Q). FY 2005 VHA executive career field network director performance measurement system and JCAHO hospital core measures. Technical manual. Washington (DC): Veterans Health Administration (VHA); 2005 Mar 9. 244 p.

Measure Domain

PRIMARY MEASURE DOMAIN

Outcome

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

SECONDARY MEASURE DOMAIN

Process

Brief Abstract

DESCRIPTION

This measure assesses the percent of patients using tobacco any time during the past 12 months.

RATIONALE

According to the Centers for Disease Control and Prevention (CDC), about 8.6 million people in the United States have at least one serious illness caused by smoking. Smoking-attributable illness is a major contributor to the \$75 billion per year in direct medical costs from smoking. Approximately 440,000 people in the United States die of a smoking-attributable illness, resulting in 5.6 million years of potential life lost and \$82 billion in lost productivity from smoking. For every person who dies of a smoking attributable disease, there are 20 more people suffering with at least one serious illness from smoking. Among current smokers,

chronic lung diseases account for 73% of smoking-attributable conditions. Among former smokers, chronic lung diseases account for 50% of smoking-attributable conditions, followed by heart attacks (24%). Many more people are harmed by tobacco use than are indicated by death rates alone, and more individuals will experience serious chronic diseases attributed to smoking if they continue to smoke.

Smoking accounts for one out of every five deaths in the U.S. It is the most important modifiable cause of premature death, responsible annually for an estimated 5 million years of potential life lost. Tobacco cessation counseling on a regular basis is recommended for all persons who use tobacco products. (United States Prevention Services Task Force [USPSTF])

Practical interventions exist for controlling and preventing many chronic diseases. Implementing proven clinical smoking cessation interventions would cost an estimated \$2,587 for each year of life saved, the most cost-effective of all clinical preventive services. (CDC)

PRIMARY CLINICAL COMPONENT

Tobacco use

DENOMINATOR DESCRIPTION

Eligible patients from the NEXUS Mental Health Subgroup cohort sampled (see the related "Denominator Inclusions/Exclusions" field in the Complete Summary)

NUMERATOR DESCRIPTION

The number of patients from the denominator using tobacco any time during the past 12 months (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

Evidence Supporting the Measure

EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence
- One or more research studies published in a National Library of Medicine (NLM) indexed, peer-reviewed journal

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [VA/DoD clinical practice guideline for the management of tobacco use.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Use of this measure to improve performance
Variation in quality for the performance measured

EVIDENCE SUPPORTING NEED FOR THE MEASURE

Office of Quality and Performance (10Q). FY 2005 VHA executive career field network director performance measurement system and JCAHO hospital core measures. Technical manual. Washington (DC): Veterans Health Administration (VHA); 2005 Mar 9. 244 p.

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

External oversight/Veterans Health Administration
Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Ambulatory Care
Behavioral Health Care

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Advanced Practice Nurses
Physician Assistants
Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Single Health Care Delivery Organizations

TARGET POPULATION AGE

Unspecified

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

See "Rationale" field.

UTILIZATION

Unspecified

COSTS

See "Rationale" field.

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Staying Healthy

IOM DOMAIN

Effectiveness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

Eligible patients from the NEXUS Mental Health Subgroup cohort*

*Refer to the original measure documentation for patient cohort description.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Eligible patients from the NEXUS Mental Health Subgroup cohort sampled*

*Refer to the original measure documentation for patient cohort description and sampling size strategy.

Exclusions

Unspecified

DENOMINATOR (INDEX) EVENT

Encounter

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

The number of patients from the denominator using tobacco any time during the past 12 months*

*Note:

Using Tobacco: Acceptable documentation pertaining to tobacco use and non-use includes: no tobacco greater than or equal to 12 months, denies history of tobacco use, never smoked, never used tobacco, has not smoked for X years, lifetime non-tobacco use, smoke 1 pack-per-day for 20 years (1ppdX20yrs), smokes: yes, etc. If conflicting documentation exists (tobacco user and non-tobacco user both documented), patient is considered to be using tobacco.

Lifetime Non-tobacco User: Acceptable documentation includes: denies history of tobacco use, never used tobacco, has not used tobacco for X years (if equal to or greater than 7), "Tobacco: no" is not acceptable documentation for 12 month history of nonuse, it is acceptable documentation for evidence of screening for this year.

Exclusions

If no tobacco use information was recorded during the past year and the patient is not known to be a lifetime non-tobacco user, the result is assumed poor. Patient is included in the denominator, but not numerator - counts against the facility.

NUMERATOR TIME WINDOW

Fixed time period

DATA SOURCE

Administrative and medical records data

LEVEL OF DETERMINATION OF QUALITY

Individual Case

OUTCOME TYPE

Health Risk State or Behavior

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a lower score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison
Prescriptive standard

PRESCRIPTIVE STANDARD

Fiscal year (FY) 2005 targets for tobacco use in the past 12 months (NEXUS Mental Health Subgroup):

- Meets Target: 43%
- Exceeds Target: 38%

EVIDENCE FOR PRESCRIPTIVE STANDARD

Office of Quality and Performance (10Q). FY 2005 VHA executive career field network director performance measurement system and JCAHO hospital core measures. Technical manual. Washington (DC): Veterans Health Administration (VHA); 2005 Mar 9. 244 p.

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Tobacco use in past 12 months (NEXUS mental health subgroup).

MEASURE COLLECTION

[Fiscal Year \(FY\) 2005: Veterans Health Administration \(VHA\) Performance Measurement System](#)

MEASURE SET NAME

[Tobacco](#)

DEVELOPER

Veterans Health Administration

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2001 Nov

REVISION DATE

2005 Mar

MEASURE STATUS

Please note: This measure has been updated. The National Quality Measures Clearinghouse is working to update this summary.

SOURCE(S)

Office of Quality and Performance (10Q). FY 2005 VHA executive career field network director performance measurement system and JCAHO hospital core measures. Technical manual. Washington (DC): Veterans Health Administration (VHA); 2005 Mar 9. 244 p.

MEASURE AVAILABILITY

The individual measure, "Tobacco Use in Past 12 Months (NEXUS Mental Health Subgroup)," is published in "FY 2005 VHA Performance Measurement System: Technical Manual."

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NQMC STATUS

This NQMC summary was completed by ECRI on September 27, 2002. The information was verified by the Veterans Health Administration on October 29, 2002. This NQMC summary was updated by ECRI on December 8, 2004. The information was verified by the measure developer on December 10, 2004.

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The logo for FIRST GOV, with "FIRST" in blue and "GOV" in red, and a small red star above the "I" in "FIRST".

